

Water Quality Characteristics by Water Quality Zone

March 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	160	160	126.9	71	250	2	79%
	2	131	122	17.2	113	158	9	13%
	3	108	97	40.3	69	213	11	37%
	4	112	91	34.5	87	181	9	31%
	5	108	107	13.4	84	142	17	12%
	6	110	113	17.4	85	141	8	16%
	7	118	118	6.4	103	127	11	5%
	8	158	123	79.6	109	276	4	51%
	9	119	125	25.8	85	169	12	22%
	10	85	85	7.1	78	94	4	8%
	System Wide	116	114	33.3	69	276	87	29%
TDS ppm	1	435	458	104.2	191	558	10	24%
	2	277	272	26.5	239	318	25	10%
	3	284	252	89.4	188	438	35	32%
	4	247	217	66.6	189	429	24	27%
	5	240	239	31.1	180	319	41	13%
	6	230	230	22.4	178	282	25	10%
	7	219	219	24.7	158	297	29	11%
	8	298	272	60.1	232	425	21	20%
	9	297	298	68.8	212	484	23	23%
	10	220	220	6.1	211	232	13	3%
	System Wide	264	244	71.0	158	558	246	27%
Sodium ppm	1	50	50	13.4	40	59	2	27%
	2	43	42	4.4	38	50	9	10%
	3	44	40	11.6	28	69	11	27%
	4	40	34	13.5	28	62	9	34%
	5	37	36	5.4	28	44	17	15%
	6	37	37	3.6	32	43	8	10%
	7	29	29	2.7	25	34	11	9%
	8	45	45	1.5	43	46	4	3%
	9	46	46	5.0	40	54	12	11%
	10	42	42	0.8	41	43	4	2%
	System Wide	40	41	8.7	25	69	87	22%

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<i>pH units</i>	1	7.5	7.4	0.29	7.2	8.2	10	4%
	2	8.0	8.0	0.17	7.7	8.2	25	2%
	3	7.9	7.9	0.20	7.5	8.3	35	3%
	4	7.9	7.8	0.19	7.6	8.2	24	2%
	5	7.8	7.8	0.29	7.2	8.2	41	4%
	6	7.8	7.9	0.31	7.0	8.4	25	4%
	7	7.9	7.9	0.24	7.1	8.3	29	3%
	8	7.8	7.8	0.13	7.6	8.1	21	2%
	9	7.8	7.8	0.17	7.6	8.2	23	2%
	10	7.9	7.9	0.21	7.6	8.2	13	3%
	System Wide	7.9	7.9	0.25	7.0	8.4	246	3%
<i>Chlorine ppm</i>	1	0.7	0.7	0.17	0.5	1.1	10	23%
	2	0.9	0.9	0.12	0.6	1.1	25	14%
	3	0.7	0.8	0.25	0.1	1.1	35	35%
	4	0.9	0.9	0.14	0.5	1.0	24	17%
	5	0.8	0.8	0.13	0.4	1.0	41	16%
	6	0.9	0.9	0.05	0.8	1.0	25	6%
	7	0.8	0.8	0.07	0.7	1.0	29	8%
	8	0.8	0.9	0.16	0.4	1.1	21	19%
	9	0.8	0.8	0.09	0.7	1.1	23	11%
	10	0.8	0.7	0.18	0.5	1.1	13	23%
	System Wide	0.8	0.8	0.15	0.1	1.1	246	19%
<i>Temperature deg C</i>	1	21.9	22.0	1.35	20.1	24.1	10	6%
	2	22.3	22.4	1.75	17.5	24.8	25	8%
	3	22.3	22.4	1.93	18.4	26.3	35	9%
	4	24.1	24.1	1.40	21.3	27.0	24	6%
	5	21.4	21.0	2.76	17.0	28.2	41	13%
	6	20.1	20.0	1.92	14.0	24.2	25	10%
	7	21.5	22.0	2.09	16.6	24.7	29	10%
	8	23.3	23.0	3.50	16.8	29.8	21	15%
	9	23.8	24.0	3.23	17.0	30.5	23	14%
	10	24.0	24.1	3.52	19.0	28.9	13	15%
	System Wide	22.3	22.4	2.68	14.0	30.5	246	12%